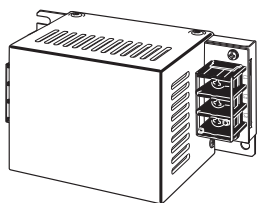


Input Noise Filter (3G3AX-NFI□□)

Use this filter to reduce the conductive noise generated in the inverter and transmitted to power supply lines.

**Specifications**

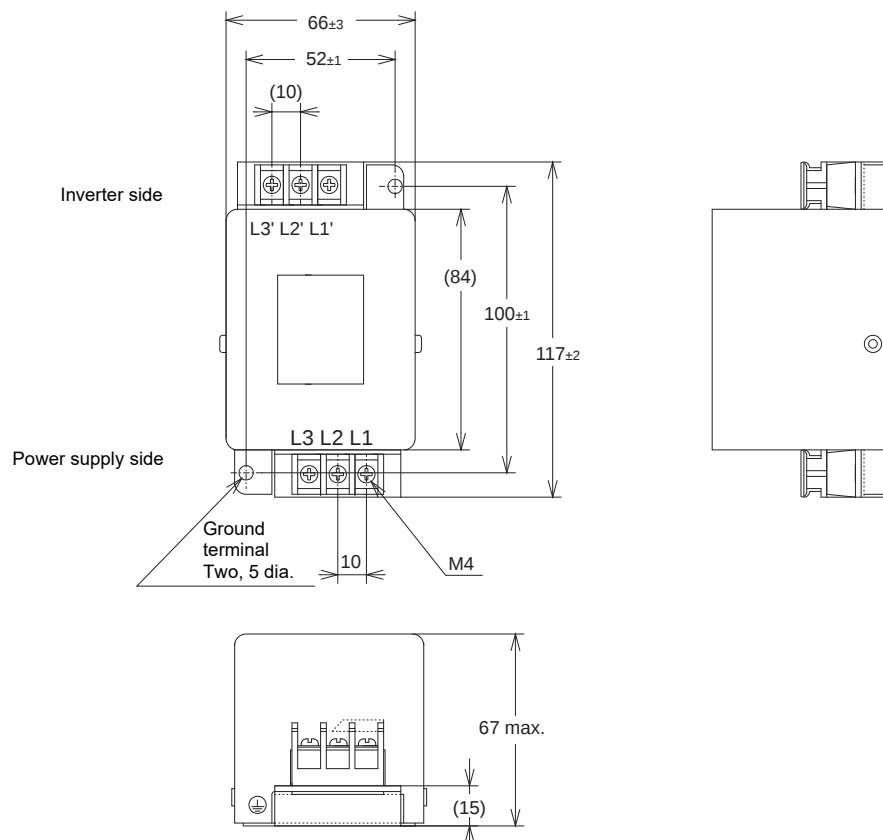
Inverter						Input noise filter specifications									
Voltage class	Max. applicable motor capacity [kW]	Model	Normal/ Light load mode	Max. applicable motor capacity [kW]	Rated input current [A]	Model	Max. input voltage	Rated input current (at 50°C)	Heat generation [W]	Leakage current (at 60 Hz)					
3-phase 200-V Class	0.1	3G3MX2-A2001-V2	Normal load	0.1	1.0	3G3AX-NFI21	250 VAC +10%	6 A	3	1.5 mA max. (250 VAC)					
			Light load	0.2	1.2										
	0.2	3G3MX2-A2002-V2	Normal load	0.2	1.6						3G3AX-NFI21	10 A	4		
			Light load	0.4	1.9										
	0.4	3G3MX2-A2004-V2	Normal load	0.4	3.3						3G3AX-NFI21			20 A	6
			Light load	0.75	3.9										
	0.75	3G3MX2-A2007-V2	Normal load	0.75	6.0	3G3AX-NFI22		30 A	9						
			Light load	1.1	7.2										
	1.5	3G3MX2-A2015-V2	Normal load	1.5	9.0	3G3AX-NFI22					40 A	11			
			Light load	2.2	10.8										
	2.2	3G3MX2-A2022-V2	Normal load	2.2	12.7	3G3AX-NFI23							60 A	17	
			Light load	3.0	13.9										
	3.7	3G3MX2-A2037-V2	Normal load	3.7	20.5	3G3AX-NFI24		80 A	21						
			Light load	5.5	23.0										
	5.5	3G3MX2-A2055-V2	Normal load	5.5	30.8	3G3AX-NFI25									
			Light load	7.5	37.0										
	7.5	3G3MX2-A2075-V2	Normal load	7.5	39.6	3G3AX-NFI26									
			Light load	11	48.0										
	11	3G3MX2-A2110-V2	Normal load	11	57.1	3G3AX-NFI27									
			Light load	15	68.0										
15	3G3MX2-A2150-V2	Normal load	15	62.6	3G3AX-NFI27										
		Light load	18.5	72.0											
Single-phase 200-V Class	0.1	3G3MX2-AB001-V2	Normal load	0.1	1.3					3G3AX-NFI21	250 VAC +10%	6 A	3	1.5 mA max. (250 VAC)	
			Light load	0.2	2.0										
	0.2	3G3MX2-AB002-V2	Normal load	0.2	3.0			3G3AX-NFI21	10 A						4
			Light load	0.4	3.6										
	0.4	3G3MX2-AB004-V2	Normal load	0.4	6.3	3G3AX-NFI22	20 A	6							
			Light load	0.55	7.3										
	0.75	3G3MX2-AB007-V2	Normal load	0.75	11.5	3G3AX-NFI23			30 A	9					
			Light load	1.1	13.8										
	1.5	3G3MX2-AB015-V2	Normal load	1.5	16.8	3G3AX-NFI24									
			Light load	2.2	20.2										
	2.2	3G3MX2-AB022-V2	Normal load	2.2	22.0	3G3AX-NFI24									
			Light load	3.0	24.0										

Multi-function Compact Inverter **MX2-Series V2 type**

Inverter						Input noise filter specifications					
Voltage class	Max. applicable motor capacity [kW]	Model	Normal/ Light load mode	Max. applicable motor capacity [kW]	Rated input current [A]	Model	Max. input voltage	Rated input current (at 50°C)	Heat generation [W]	Leakage current (at 60 Hz)	
3-phase 400-V class	0.4	3G3MX2-A4004-V2	Normal load	0.4	1.8	3G3AX-NFI41	480 VAC +10%	7 A	2	7.5 mA max. (480 VAC)	
			Light load	0.75	2.1						
	0.75	3G3MX2-A4007-V2	Normal load	0.75	3.6						3G3AX-NFI42
			Light load	1.5	4.3						
	1.5	3G3MX2-A4015-V2	Normal load	1.5	5.2						3G3AX-NFI43
			Light load	2.2	5.9						
	2.2	3G3MX2-A4022-V2	Normal load	2.2	6.5	3G3AX-NFI44					
			Light load	3.0	8.1						
	3.0	3G3MX2-A4030-V2	Normal load	3.0	7.7	3G3AX-NFI45					
			Light load	4.0	9.4						
	4.0	3G3MX2-A4040-V2	Normal load	4.0	11.0	3G3AX-NFI46					
			Light load	5.5	13.3						
	5.5	3G3MX2-A4055-V2	Normal load	5.5	16.9	3G3AX-NFI47					
			Light load	7.5	20.0						
	7.5	3G3MX2-A4075-V2	Normal load	7.5	18.8	3G3AX-NFI48					
			Light load	11	24.0						
	11	3G3MX2-A4110-V2	Normal load	11	29.4	3G3AX-NFI49					
			Light load	15	38.0						
15	3G3MX2-A4150-V2	Normal load	15	35.9	3G3AX-NFI50						
		Light load	18.5	44.0							

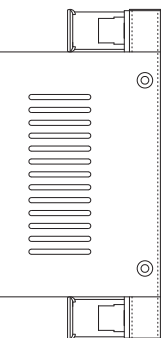
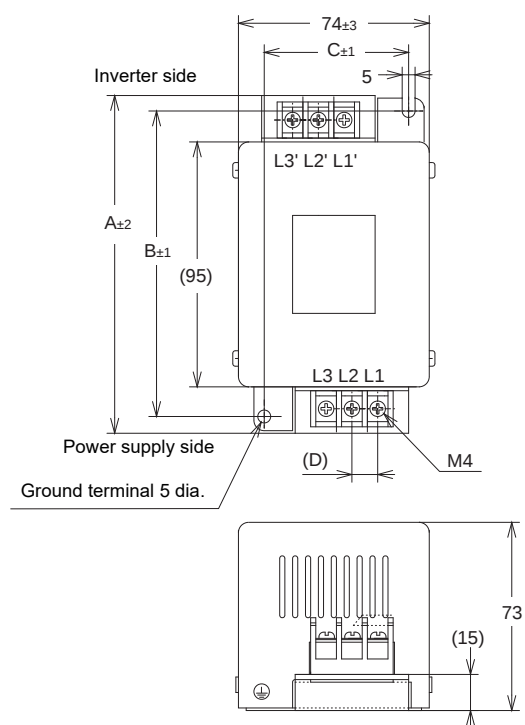
Dimensions (Unit: mm)

Model	Case, enclosure rating	Terminal size	Wire diameter	Weight [kg]
3G3AX-NFI21	Plastic, IP00	M4	1.25 mm ²	0.5
3G3AX-NFI22	Plastic, IP00	M4	2 mm ²	0.6
3G3AX-NFI23	Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
3G3AX-NFI24	Plastic, IP00	M4	5.5 mm ²	0.8
3G3AX-NFI25	Plastic, IP00	M5	8 mm ²	1.4
3G3AX-NFI26	Plastic, IP00	M5	14 mm ²	1.8
3G3AX-NFI27	Metal, IP00	M6	22 mm ²	3.6
3G3AX-NFI41	Plastic, IP00	M4	1.25 mm ² , 2 mm ²	0.7
3G3AX-NFI42	Plastic, IP00	M4	2 mm ²	0.7
3G3AX-NFI43	Plastic, IP00	M4	2 mm ² , 3.5 mm ²	0.7
3G3AX-NFI44	Plastic, IP00	M4	5.5 mm ²	0.8
3G3AX-NFI45	Plastic, IP00	M5	8 mm ²	1.4
3G3AX-NFI46	Plastic, IP00	M5	14 mm ²	1.6

3G3AX-NFI21/NFI22


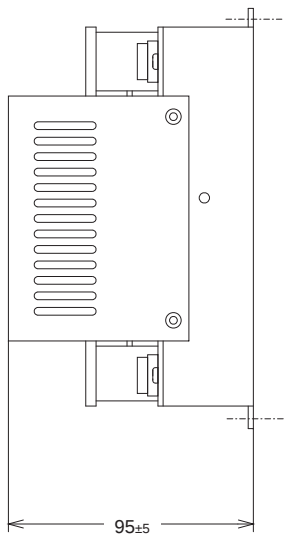
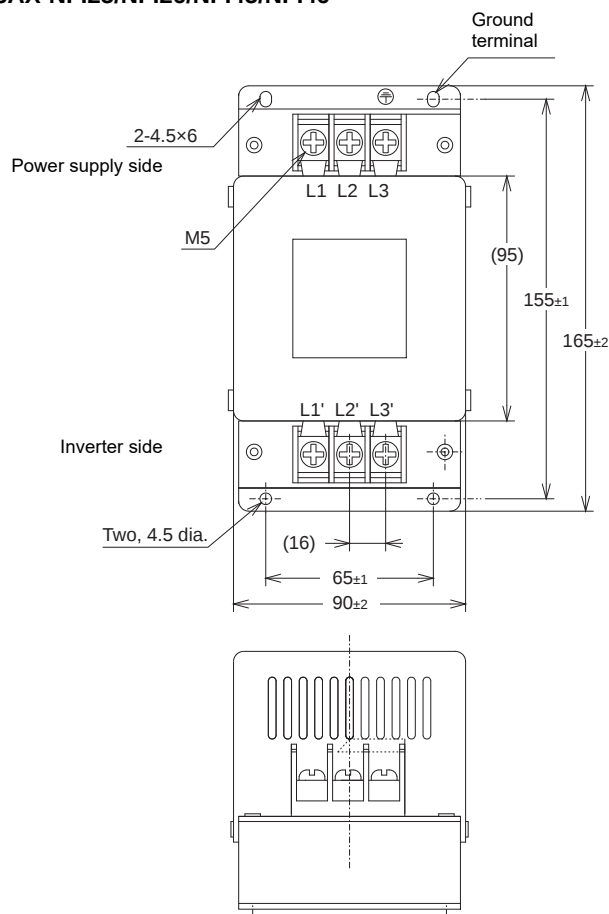
Multi-function Compact Inverter **MX2-Series V2 type**

3G3AX-NFI23/NFI24/NFI41/NFI42/NFI43/NFI44

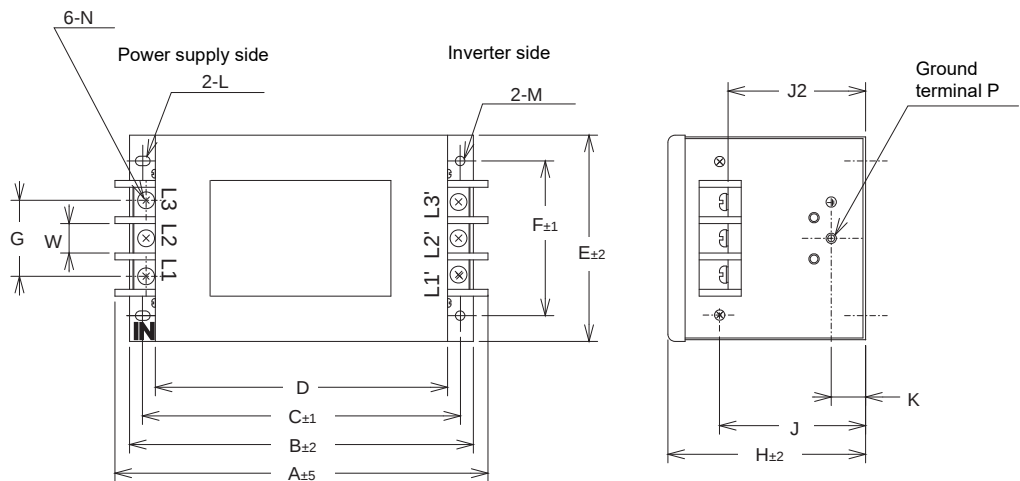


Model	Dimensions [mm]			
	A	B	C	D
3G3AX-NFI23	128	118	56	10
3G3AX-NFI24	144	130	56	11
3G3AX-NFI41	144	130	56	11
3G3AX-NFI42	144	130	56	11
3G3AX-NFI43	144	130	56	11
3G3AX-NFI44	144	130	56	11

3G3AX-NFI25/NFI26/NFI45/NFI46



3G3AX-NFI27



Model	Dimensions [mm]															
	A	B	C	D	E	F	G	H	J	J2	K	L	M	N	P	W
3G3AX-NFI27	217	200	185	170	120	90	44	115	85	82	20	R2.75 Length 7	5.5 dia.	M6	M4	17

Connection Examples

